

MAR 25 1980

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DPM 5206 Black Paladin

MATERIAL SAFETY DATA SHEET

Approved by U.S. Department of Labor "Essentially Similar" to Form LSB-00S-4)

INMONT

Section I

MANUFACTURER'S NAME	INMONT CORPORATION	Date Prepared:	12/5/79
STREET ADDRESS	1754 Dana Avenue	By:	M. M. Segal
CITY, STATE, AND ZIP CODE	Cincinnati, Ohio 45207		M. M. Segal
EMERGENCY TELEPHONE NO.	(513) 841-6100 (201) 365-3513 - 3400	800 - 424-9300 (CHEMTREC)	
CHEMICAL NAME AND SYNONYMS	Black Enamel	TRADE NAME	12412 Paladin
CHEMICAL FAMILY	Modified Phenolic	FORMULA	N.A.

Section II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS

PIGMENTS	%	TLV (Units)	SOLVENTS TLV (TWA) data in PPM unless otherwise noted;	%	TLV (Units)
		N.A.	Mixture (See Below)	91.4	N.A.
CATALYST			ADDITIVES		
N. A.			N. A.		
VEHICLE			OTHERS		
N. A.			N. A.		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Ethanol				24.8	100
Butanol				20.4	5
Xylene				18.0	10
Cellosolve				14.2	10
Toluene				14.0	10

Section III - PHYSICAL DATA

BOILING POINT (°F)	173-284	SPECIFIC GRAVITY (H ₂ O=1)	0.868
VAPOR PRESSURE (mm Hg.) @ 25° C.	5.3-44.0	PERCENT VOLATILE BY VOLUME (%)	92.4
VAPOR DENSITY (AIR=1)	1.6-3.7	EVAPORATION RATE (..... = 1)	
SOLUBILITY IN WATER	Slight	BUTYL ACETATE = 1	0.2-1.8
APPEARANCE AND ODOR	Black; low viscosity; alcohol, hydrocarbon		

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	49°F P-M Closed Cup	FLAMMABLE LIMITS	LeI	UeI
			1.0%	19.0%
EXTINGUISHING MEDIA	CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM			
SPECIAL FIRE FIGHTING PROCEDURES	USE WATER SPRAY TO KEEP CONTAINERS COOL			

UNUSUAL FIRE AND EXPLOSION HAZARDS EXPOSURE OF CONTAINERS TO EXCESSIVE HEAT MAY CAUSE DISRUPTIVE PRESSURE.

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Section V -- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE Prolonged exposure or excessive inhalation may cause drowsiness, dizziness, nausea, skin or eye irritation.

EMERGENCY AND FIRST AID PROCEDURES If over exposure occurs, remove person to fresh air; wash irritated eyes with copious amounts of water; wash red or irritated skin with luke warm water.

SEEK MEDICAL ATTENTION IF NEEDED

FOR INGESTED HYDROCARBONS (SEE SECTION TWO) DO NOT INDUCE VOMITING -- CALL PHYSICIAN

Section VI -- REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	High temperature or heat.

INCOMPATABILITY (Materials to avoid)

OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS

UNKNOWN

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

Section VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up immediately - ventilate.

Remove ignition sources.

VENTILATE IN PATTERN AND VOLUME TO STAY BELOW TLV'S AND LEL'S IN SECTIONS TWO AND FOUR.

WASTE DISPOSAL METHOD DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. FOR

FLAMMABLE AND COMBUSTIBLE SOLVENT BASED SYSTEMS, INCINERATE -- NOT IN CLOSED CONTAINERS. FOR SOLIDS AND MOST AQUEOUS SYSTEMS, DISPOSE OF IN APPROVED SANITARY LAND FILL.

Section VIII -- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) ADSORPTION MASK -- HYDROCARBON VAPOR CANNISTER

VENTILATION COMPLY WITH OSHA 1910.94	LOCAL EXHAUST 11 -- 12 CHANGES PER HOUR	SPECIAL
	MECHANICAL (General) EXPLOSION PROOF MOTOR	OTHER NO SMOKING OR OPEN LIGHTS

PROTECTIVE GLOVES INSOLUBLE RUBBER GLOVES EYE PROTECTION SAFETY GLASSES OR GOGGLES

OTHER PROTECTIVE EQUIPMENT FOR HIGHLY CORROSIVE MATERIALS, RUBBER BOOTS AND/OR APRON MAY BE REQUIRED,

REMOVE CONTAMINATED CLOTHING AND SHOES -- DISCARD WHERE CLEAN-UP MAY NOT BE POSSIBLE.

Section IX -- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING USE VENTILATED AREA (EQUIVALENT TO OUT OF DOORS)

STORE PER OSHA 1910.106 AVOID HIGH TEMPERATURES -- STORE BELOW 120° F

OTHER PRECAUTIONS AVOID PROLONGED CONTACT WITH SKIN AVOID CONTACT WITH EYES

GROUND CONTAINERS WHEN POURING FOR INDUSTRIAL USE ONLY

DO NOT HANDLE UNTIL MANUFACTURER'S PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.